



MANUAL OF PATENT EXAMINING PROCEDURE

PTO/SB/08 (2-92)

Sheet 1 of 1

Form PTO-1449			Docket Number (Optional) 3153.00461		Application Number 09/989,933	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)			Applicant Cao, et al.			
			Filing Date 11/21/2001		Group Art Unit	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SF	5,580,859	12.03.96	Felgner et al.	435	69.1	
	5,589,466	12.31.96	Felgner et al.	514	44	
	5,593,873	01.14.97	Cochran et al.	435	235.1	
	5,703,055	12.30.97	Felgner et al.	514	44	
	6,001,613	12.14.99	Donis et al.	435	91.4	
	6,015,795	01.18.00	van den Hurk et al.	514	44	
SF	6,060,457	05.06.00	Elazhary et al.	514	44	
FOREIGN PATENT DOCUMENTS						
	DOCKET NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
SF	WO 9512682	11.05.95				
	WO 9835562	20.08.98				
	WO 9955366	04.11.99				
OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)						
	Barber, et al., <i>Vet. Rec.</i> 117:459-464 (1985)					
	Bolin, <i>Vet. Clin. North Am. Food Anim. Pract.</i> 11:615-625 (1995)					
	Bruschke, et al., <i>Vaccine</i> 15:1940-1945 (1997)					
	Coggins, et al., <i>Cornell Vet.</i> 51:539 (1961)					
	Coligan, et al., <i>Current Protocols in Immunology</i> , John Wiley & Sons, Inc. (1994)					
	Collett, et al., <i>Virology</i> 165:191-199 (1988)					
	Coria, et al., <i>Can. J. Con. Med.</i> 42:239 (1978)					
	Davis, et al., <i>Cur. Opinion Biotech.</i> 8:635-640 (1997)					
	Elbers, et al., <i>J. Virol.</i> 70:4131-4135 (1996)					
	Femelius, et al., <i>Am. J. Vet. Res.</i> 33:1421-1431 (1972)					
	Gillespie, et al., <i>Cornell Vet.</i> 50:73-79 (1960)					
	Kolar, et al., <i>Am. J. Vet. Res.</i> 33:1415-1420 (1972)					
	Lai and Bennett, <i>Critical Rev. Immunol.</i> 18:449-484 (1998)					
	Liess, et al., <i>Dtsch. Tieraerztl. Wschr.</i> 81:481-487 (1974)					
	Lobmann, et al., <i>Am. J. Vet. Res.</i> 45:2498 (1984)					
	Lobmann, et al., <i>Am J. Vet. Res.</i> 47:557-561 (1986)					
	Malmquist, <i>J. Am. Vet. Med. Assoc.</i> 152:763-768 (1968)					
	Manickan, et al., <i>Critical Rev. Immunol.</i> 78:139-159 (1997)					
SF	Martin, et al., <i>In Proceedings of the Conference Res. Workers' Anim. Dis.</i> , 75:183 (1994)					



	McClurkin, et al., <i>Arch. Virol.</i> 58:119 (1978)
	Olafson, et al., <i>Cornell Vet.</i> 36:205-213 (1946)
	Pellerin, et al., <i>Virology</i> 203:260-268 (1994)
	Phillips, et al., <i>Am. J. Vet. Res.</i> 36:135 (1975)
	Ramsey, et al., <i>North Am. Vet.</i> 34:629-633 (1953)
	Ramsey, et al., <i>Immunol. Cell Biol.</i> 75:360-363 (1997)
	Ridpath, et al., <i>Virology</i> 205:66-74 (1994)
	Robinson, et al., <i>AIDS Res. Hum. Retr.</i> 12(5):455-457
	Robinson, et al., <i>Vaccine</i> 15(8):785-787 (1997)
	Ross, et al., <i>J. Am. Vet. Med. Assoc.</i> 188:618-619 (1986)
	Stark, et al., <i>J. Virol.</i> 67:7088-7093 (1993)
	Tautz, et al., <i>J. Virol.</i> 71:5415-5422 (1997)
	Vogel and Sarver, <i>Clin. Microbiol. Rev.</i> 8(3):406-410 (1995)
	Wiskerchen, et al., <i>Virol.</i> 65:4508-4514 (1991)
	Wiskerchen, et al., <i>Virology</i> 184:341-350 (1991)
SP	Xu, et al., <i>J. Virol.</i> 71:5312-5322 (1997)

EXAMINER

DATE CONSIDERED

8/30/97

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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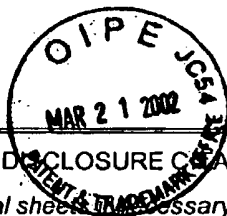
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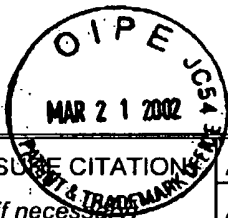
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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)			ATTY. DOCKET NO. PC11050A	SERIAL NO. 09/989,933
			APPLICANT Cao, et al.	
			FILING DATE November 21, 2001	GROUP 1632
8.	8x	Collett, et al.; Molecular Cloning and Nucleotide Sequence of the Pestivirus Bovine Viral Diarrhea Virus; Virology; 165:191-199 (1988).		
9.		Tautz, et al.; Serine Protease of Pestiviruses: Determination of Cleavage Sites; J. of Virology; 71:5415-5422 (1997).		
10.		Xu, et al.; Bovine Viral Diarrhea Virus NS3 Serine Proteinase; Virology; 71:5312-5333 (1997).		
11.		Elbers, et al.; Processing in the Pestivirus E2-NS2 Region: Identification of Proteins p7 and E2p7; J. of Virology; 70:4131-4135 (1996).		
12.		Wiskerchen, et al.; Pestivirus Gene Expression: Protein p80 of Bovine Viral Diarrhea Virus Is a Proteinase Involved in Polyprotein Processing; Virology; 184:341-350 (1991).		
13.		Stark, et al.; Processing of Pestivirus Polyprotein: Cleavage Site between Autoprotease and Nucleocapsid Protein of Classical Swine Fever Virus; J. of Virology; 67:7088-7095 (1993).		
14.		Wiskerchen, et al.; Pestivirus Gene Expression: the First Protein Product of the Bovine Viral Diarrhea Virus Large Open Reading Frame, p20, Possesses Proteolytic Activity; J. of Virology; 65:4508-4514 (1991).		
15.		McClurkin, et al.; Selected Isolates of Bovine Viral Diarrhea (BVD) Virus Propagated on Bovine Turbinate Cells; Archives of Virology; 58:119-125 (1978).		
16.		Femelius, et al.; Evaluation of β -Propiolactone-Inactivated- and Chloroform-Treated-Virus Vaccines Against Bovine Viral Diarrhea-Mucosal Disease; Am. J. Vet. Res.; 33:1421-1431 (1972).		
17.		Kolar, et al.; Use in Cattle of Formalin-Killed Polyvalent Vaccine with Adjuvant Against Infectious Bovine Rhinotracheitis, Bovine Viral Diarrhea, and Parainfluenza-3 Viruses; Am. J. Vet. Res.; 33:1415-1420 (1972).		
18.		S. R. Bolin; Control of Bovine Viral Diarrhea Infection by Use of Vaccination; Vet. Clin. Orth Am. Food Pract.; 11:615-625 (1995).		
19.		Bruschke, et al.; A subunit Vaccine based on glycoprotein E2 of bovine virus diarrhea virus induces fetal protection in sheep against homologous challenge; Vaccine; 15:1940-1945 (1997).		
20.		Coggins, et al.; Attenuation of Virus Diarrhea Virus (Strain Oregon C24V) for Vaccine Purposes; Cornell Vet. 51:539-545 (1961).		
21.		Phillips, et al.; Evaluation of a Bovine Viral Diarrhea Vaccine Produced in a Porcine Kidney Cell Line; Am. J. of Veterinary Res.; 36:135-140 (1975).		
22.		Lobmann, et al.; Clinical evaluation of a temperature-sensitive bovine viral diarrhea vaccine strain; Am. J. Vet. Res.; 45:2498-2503 (1984).		
23.		Lobmann, et al.; Safety of a temperature-sensitive vaccine strain of bovine viral diarrhea virus in pregnant cows; Am. J. Vet. Res.; 47:557-561 (1986).		
24.		Coria, et al.; Duration of Active and Colostrum-derived Passive Antibodies to Bovine Viral Diarrhea Virus in Calves; Can. J. Con. Med.; 42:239-243 (1994).		
25.		Martin, et al.; Conference of Research Workers in Animal Diseases; In Proceedings of the Conference Res. Workers' Anim. Dis.; 75:183-184 (1994).		
26.		Ramsey, et al.; DNA Immunization; Immunology and Cell Biology; 75:360-363 (1997).		
27.		Davis; Plasmid DNA expression systems for the purpose of immunization; Curr. Opinion Biotech 8:635-640.		
28.		Manickan, et al.; DNA Vaccines - A Modern Gimmick or a Boon to Vaccinology; Critical Rev. Immunol.; 17:139-154 (1997).		
29.		Robinson; Nucleic Acid Vaccines: An Overview; 15(8) 785-787 (1997).		
30.	SP	Robinson; DNA Vaccines; AIDS Research and Human Retroviruses; 12:455-457 (1996).		



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		APPLICANT Cao, et al.	TECH CENTER 8000/2900
		FILING DATE November 21, 2001	GROUP 1632
31.	<i>SF</i>	Lai, et al.; DNA Vaccines; Critical Reviews in Immunology; 18:449-484 (1998).	
32.	<i>SF</i>	Vogel, et al.; Nucleic Acid Vaccines; Clinical Microbiology Reviews; 8(3) 406-410 (1995).	
EXAMINER <i>Shirley Foley</i>		DATE CONSIDERED <i>9/30/9</i>	
EXAMINER: Initial if reference considered; whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

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